

FACSIMILE OF FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER 04338.0009	SERIAL NUMBER 09/819,140
	APPLICANT Casimir C. Klimasauskas		
	FILING DATE 3/27/01	GROUP ART UNIT	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE
4P	5,111,531	1992	Grayson et al			RECEIVED
	5,142,612	1992	Sheirik			JUN 28 2001
	5,159,660	1992	Lu et al			Technology Center 2100
	5,386,373	1995	Keeler et al			
	5,396,415	1995	Konar et al			
	5,471,381	1995	Khan			
5P	5,477,444	1995	Bhat et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

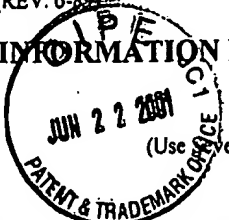
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

4P		Geladi, Paul et al., "Partial Least-Squares Regression: A Tutorial," <i>Analytica Chimica Acta</i> , 185 (1986) pp. 1-17.
1		Serth, R.W., et al., "Gross Error Detection and Data Reconciliation in Steam-Metering Systems," <i>A.I. Ch.E. Journal</i> , May 1986, vol. 32, No. 5, pp. 733-742
		Serth, R.W., et al., "Detection of Gross Errors in Nonlinearly Constrained Data: A Case Study," <i>Chem. Eng. Comm.</i> 1987, vol. 51, pp. 89-104
		Wold, Svante, et al., "Nonlinear PLS Modeling," <i>Chemometrics and Intelligent Laboratory Systems</i> , 7 (1989), pp. 53-65
5P		Kramer, et al., "Diagnosis Using Backpropagation Neural Networks--Analysis and Criticism," <i>Computers Chem. Engng.</i> , vol. 14, No. 2, 1990, pp. 1323-1338

EXAMINER Sny Alh	DATE CONSIDERED 9/19/05
---------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

FACSIMILE OF FORM PTO-1449 (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		ATTORNEY'S DOCKET NUMBER 04338.0009		SERIAL NUMBER 09/819,140	
INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)				APPLICANT Casimir C. Klimasauskas		RECEIVED JUN 26 2001	
U.S. PATENT DOCUMENTS				Technology Center 2100			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
80		Helland, Kristain, et al., "Recursive algorithm for partial least squares regression," Chemometrics and Intelligent Laboratory Systems, 14 (1991), pp. 129-137					
1		Puskorius, G.V., et al., "Decoupled Extended Kalman Filter Training of Feedforward Layered Networks," IEEE, 1991, pp. I-771-I-777					
		Qin, S.J. et al., "Nonlinear PLS Modeling Using Neural Networks," Computers Chem. Engng., vol. 16, No. 4, 1992, pp. 379-391					
		Su, Hong-Te, et al., "Integrating Neural Networks with First Principles Models of Dynamic Modeling," IFAC Symp. on DYCOR+, 1992, pp. 77-82					
		Kramer, Mark A., et al., "Embedding Theoretical Models in Neural Networks," 1992 ACC/WA14, pp. 475-479					
		Kramer, M.A., "Autoassociative Neural Networks," Computers Chem. Engng., vol. 16, no. 4, 1992, pp. 313-328					
		deJong, Sijmen, "SIMPLS: an alternative approach to partial least squares regression," Chemometrics and Intelligent Laboratory Systems, 18 (1993), pp. 251-263					
		Klimausauskas, C., "Developing a Multiple MACD Market Timing System," Advanced Technology for Developers, vol. 2, Special Issue, 4 Qtr. 1993, pp. 1-47.					
LA		Thompson, Michael L., et al., "Modeling Chemical Processes Using Prior Knowledge and Neural Networks," A.I. Ch.E. Journal, August 1994, vol. 40, No. 8, pp. 1328-1340					
EXAMINER				DATE CONSIDERED			
				9/19/05			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.							

FACSIMILE OF FORM PTO-1449 (REV. 6-80) INFORMATION DISCLOSURE CITATION  (Use Several Sheets if Necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER 04338.0009	SERIAL NUMBER 09/819,140
	APPLICANT Casimir C. Klimasauskas		
	FILING DATE 3/27/01	GROUP ART UNIT	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

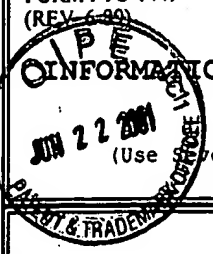
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SA		Haykin, Simon, "Neural Networks Expand SP's Horizons," IEEE Signal Processing Magazine, March 1996, pp. 24-49
		Mulgrew, Bernard, "Applying Radial Basis Functions," IEEE Signal Processing Magazine, March 1996, pp. 50-65
		Jain, Anik K. et al., "Artificial Neural Networks: A Tutorial" Computer March 1996. vol. 29, no. 3, pp. 31-44
		Shang, Yi and Wah, Benjamin, "Global Optimization for Neural Network Training," Computer March 1996, vol. 29, no. 3, pp. 45-54
		Serbedzija, Nikola B., "Simulating Artificial Neural Networks on Parallel Architecture," Computer, March 1996, vol. 29, no. 3., pp. 57-63
		Tan, Chew Lim et al., "An Artificial Neural Network that Models Human Decision Making," Computer, March 1996, vol. 29, no. 3, pp. 64-70
		Setiono, Rudy, et al. "Symbolic Representation of Neural Networks," Computer, March 1996, vol. 29, no. 3, pp. 71-77
SA		Zhao, Hong, et al., "Modeling of Activated Sewage Wastewater Treatment Processes Using Integrated Neural Networks and a First Principle Model," IFAC, 13th World Congress, 1996, pp. 1-5

EXAMINER	DATE CONSIDERED
SA Alm	9/19/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

FACSIMILE OF FORM PTO-1449 (REV. 10-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		ATTORNEY'S DOCKET NUMBER 04338.0009		SERIAL NUMBER 09/819,140	
INFORMATION DISCLOSURE CITATION (Use several Sheets if Necessary)				APPLICANT Casimir C. Klimasauskas			
				FILING DATE 3/27/01		GROUP ART UNIT RECEIVED	
U.S. PATENT DOCUMENTS						JUN 28 2001	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
SA		Westinghouse Electric Corporation, Descriptive Bulletin 21-161, WDPFII System Overview, pp. 1-5					
		Westinghouse Electric Corporation, Descriptive Bulletin 21-196, WDPFII WEStation Historian, pp. 1-4					
		Westinghouse Electric Corporation, Descriptive Bulletin 21-188, WDPFII Distributed Processing Unit-Series 32, pp. 1-4					
		Westinghouse Electric Corporation, Descriptive Bulletin 21-195, WEStation OpCon, pp. 1-4					
		Westinghouse Electric Corporation, Descriptive Bulletin DB21-206 Standard Algorithms, pp. 1-8					
		Westinghouse Electric Corporation, Descriptive Bulletin 21-189, WDPFII Westnet II Plus Data Highway, pp. 1-2					
		Westinghouse Electric Corporation, Descriptive Bulletin 21-177, WDPFII Q-Line Process I/O, pp. 1-2					
SA		White, David A., and Sofge, Donald A. (Ed), Handbook of Intelligent Control (pp. 283-356)					
		Anderson et al., "A method for noise filtering with feed-forward neural networks: Analysis and comparison with low-pass and optimal filtering," IEEE 1990 IJCNN Ing. Joint Conf. Neural Networks; pp. 209-214 (1990)					
EXAMINER Sey. Almy				DATE CONSIDERED 9/19/01			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.							

FACSIMILE OF FORM PTO-1449 (REV. 6-99)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		ATTORNEY'S DOCKET NUMBER 04338.0009		SERIAL NUMBER 09/819,140	
INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary) 				APPLICANT Casimir C. Klimasauskas		GROUP ART UNIT RECEIVED	
				FILING DATE 3/27/01			
U.S. PATENT DOCUMENTS							
JUN 28 2001							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Technology Center 2100 IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
SA		Rayburn, et al., "The use of back propagation neural networks to identify mediator-specific cardiovascular waveforms," IEEE 1990 IJCNN Int. Joint conf. Neural Networks; pp. 105-110 (1990)					
SA		Qin et al., "Comparison of four neural net learning methods for dynamic system identification," IEEE Trans. Neural Networks, pp. 122-130 (1992)					
EXAMINER <i>Sy Alm</i>				DATE CONSIDERED <i>9/9/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.							